

Coal Mine Safety and Health  
District 9

FEB 26 2007

no

Surgeon	Date
Nicholas	2/13/07
D. Voth	2/20/07
Ben	3/2/07

Mr. James Poulson  
Utah American Energy, Inc.  
Crandall Canyon Mine  
P.O. Box 1077  
Price, UT 84501

Re: Part 48 Subpart A  
ID 42-01715

Dear Mr. Poulson:

The revisions to the above referenced training plan filed per the provisions of 30 CFR, Part 48 Subpart A (Underground) have been reviewed and approved. The revision to Subpart A includes an addendum to address the new Mine Emergency Evacuation; Final Rule pertaining to 48.5, 48.6, 48.8, and 48.11.

Additionally, please be advised that the regulations under 30CFR Part 48 and 30CFR 75.1502(a)(1) require that all miners be instructed in the mine emergency evacuation and fire fighting program of instruction.

The plan shall be reviewed on a regular basis to ensure the information remains current and the training courses reflect the work procedures and practices necessary for the employee's safety and health.

If you have any questions, please contact the Educational Field Services at (303)231-5434.

Sincerely,

(b) (7)(C)

*for* Allyn C. Davis  
District Manager

Enclosure

cc: EFS Plan File  
EC Plan File  
Price Field Office  
D-9 Chron

# Part 48.5 Addendum to Existing Training Plan

FEB 26 2007

CMSH

Part 48.5 Training of new miners; minimum courses of instruction; hours of instruction.

Subject: 48.5(b)(2)	Training Methods	Course Materials	Evaluation Method(s)
<p><b>Self-rescue and respiratory devices</b></p> <p>This addendum only covers donning and transferring of self-rescue devices. All other training conducted in this course as outlined in the training plan is still required.</p>	<p>Training in the use of self-rescue devices shall include a demonstration and hands-on training of all self-rescue devices used at the mine. This will include assuming a donning position, opening the device, activating the device, inserting the mouthpiece and putting on the nose clip and hands-on training in transferring from one self rescue device to another self-rescue device.</p>	<p>Self-rescue device specifications. Self-rescue training models for all devices used at the mine.</p>	<p>Trainees will be evaluated on their ability to effectively don and transfer from one self-rescue device to another.</p> <p>Completion of this portion of the course will be determined by the trainee's ability to successfully don and transfer.</p>

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# Part 48.6 Addendum to Existing Training Plan

## Part 48.6 Experienced miner training.

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Subject: 48.6(b)(12)	Training Methods	Course Materials	Evaluation Method(s)
<p><b>Self-rescue and respiratory devices</b></p> <p>This addendum only covers donning and transferring of self-rescue devices. All other training conducted in this course as outlined in the training plan is still required.</p>	<p>Training in the use of self-rescue devices shall include a demonstration and hands-on training of all self-rescue devices used at the mine. This will include assuming a donning position, opening the device, activating the device, inserting the mouthpiece and putting on the nose clip and hands-on training in transferring from one self rescue device to another self-rescue device.</p>	<p>Self-rescue device specifications. Self-rescue training models for all devices used at the mine.</p>	<p>Trainees will be evaluated on their ability to effectively don and transfer from one self-rescue device to another.</p> <p>Completion of this portion of the course will be determined by the trainee's ability to successfully don and transfer.</p>

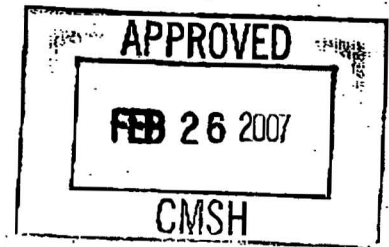
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FEB 26 2007

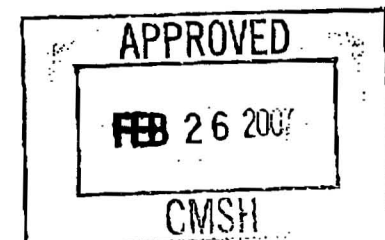
CMSH

## Part 48.8 Addendum to Existing Training Plan

### Part 48.8 Annual refresher training.



Subject: 48.8(b)(8)	Training Methods	Course Materials	Evaluation Method(s)
<p><b>Self-rescue and respiratory devices.</b></p> <p>This addendum only covers donning and transferring of self-rescue devices. All other training conducted in this course as outlined in the training plan is still required.</p>	<p>Training in the use of self-rescue devices shall include a demonstration and hands-on training of all rescue devices used at the mine. This will include assuming a donning position, opening the device, activating the device, inserting the mouthpiece and putting on the nose clip and hands-on training in transferring from one self-rescue device to another self-rescue device.</p>	<p>Self-rescue device specifications. Self-rescue training models for all devices used at the mine.</p>	<p>Trainees will be evaluated on their ability to effectively don and transfer from one self-rescue device to another.</p> <p>Completion of this portion of the course will be determined by the trainee's ability to successfully don and transfer.</p>





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# Part 48.11 Addendum to Existing Training Plan

## Part 48.11 Hazard training.

Subject: 48.11(a)(4)	Training Methods	Course Materials	Evaluation Method(s)
<p><b>Self-rescue and respiratory devices</b></p> <p>This addendum only covers donning and transferring of self-rescue devices. All other training conducted in this course as outlined in the training plan is still required.</p>	<p>Training in the use of self-rescue devices shall include a demonstration and hands-on training of all self-rescue devices used at the mine. This will include assuming a donning position, opening the device, activating the device, inserting the mouthpiece and putting on the nose clip and hands-on training in transferring from one self rescue device to another self-rescue device.</p>	<p>Self-rescue device specifications. Self-rescue training models for all devices used at the mine.</p>	<p>Trainees will be evaluated on their ability to effectively don and transfer from one self-rescue device to another.</p> <p>Completion of this portion of the course will be determined by the trainee's ability to successfully don and transfer.</p>

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Coal Mine Safety and Health  
District 9

AUG - 6 2001

Laine W. Adair  
General Manager  
Genwal Resources, Inc.  
195 North 100 West  
P. O. Box 1420  
Huntington, UT 84528

Surname	Date
Miller	8-3
Miller	
Goetz	
Coenig	8-6

RE: ID No. 42-01715  
Crandall Canyon Mine  
Part 48, Subpart A, Training Plan  
for Underground Miners

Dear Mr. Adair:

The referenced training plan dated March 13, 2001, is approved. A copy of the approved plan shall be kept at the mine and/or work site at all times.

This plan shall be reviewed on a regular basis to ensure the information remains current, and that training courses reflect the safe work procedures and practices necessary for the employees' safety and health.

Sincerely,

(b) (7)(C)

John A. Kuzar  
District Manager

Enclosure



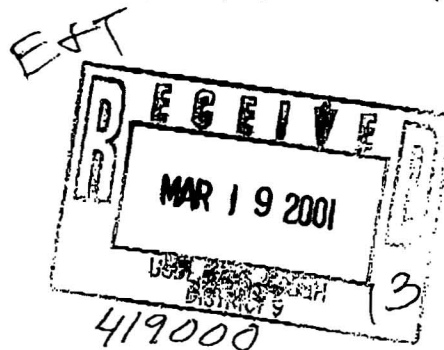
**GENWAL**  
RESOURCES, INC.

cc: ADMT  
(Petition Files)

P.O. Box 1420 • 195 North 100 West • Huntington, Utah 84528  
Telephone (435) 687-9813 • Fax (435) 687-9784

March 13, 2001

Mr. John Kuzar  
District Manager  
Coal Mine Safety & Health  
P.O. Box 25367  
Denver, Colorado 80225



Re: Crandall Canyon Mine  
I.D. # 42-01715  
Par 48, Subpart A, Training for Underground Miners

Dear Mr. Kuzar:

Please find enclosed for you review and approval Genwal's Part 48 Subpart A, Training plan for underground miners. This plan is being submitted following the approval of "4" Petitions for Modifications that have been recently approved. A list of Docket Numbers and section of the law for which each Petition refers is shown below:

- # M-2000-117-C & M-2000-031-C TEST EQUIPMENT, 75.500(b), 75.1002-1(a)
- # M-2000-101-C & M-2000-102-C PORTABLE GENERATOR, 75.701, 75.901

Should you have any questions or need additional information please contact me at (435)687-5420 minesite or (435)687-9813 main office.

Sincerely,

(b) (7)(C)

Jim Pruitt  
Safety Director  
Genwal Resources Inc.

**APPROVED**

AUG 06 2001

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## TRAINING PLAN - SURFACE & UNDERGROUND

COMPANY NAME: Genwal Resources Inc. MINE NAME: Crandall Canyon  
Mine

ADDRESS: P.O. Box 1420 MSHA ID NO: 42-01715  
Huntington, Utah 84528

COMPANY OFFICIAL RESPONSIBLE FOR HEALTH AND SAFETY AT THE MINE:

Jim Pruitt  
Safety Director  
801-687-9813

MSHA APPROVED INST.	SOC.SEC.NO.	COURSES QUALIFIED TO TEACH
Jim Pruitt	(b) (7)(C)	EC, ES, IS, MR, EE, FA, IU
David Jensen		IS, IU, MR
Greg Ferderber		IS IU FA IN
Frank Scavo		IS IU MR FA
Darwin Guymon		IS IU FA MR
Neal Mead		EE EC ES EB ED ER IS IU FA MR
Ross Sacco		EE ES EC

### COLLEGE OF EASTERN UTAH UTILIZATION FOR TRAINING:

Training requirements for inexperienced miners, both underground and surface, may be provided by the College of Eastern Utah MSHA approved instructors. In which case the 32 hours of the required 40 hours and the 16 hours of the required 24, respectively, of class room time will be provided at the college. The remaining 8 hour mine-specific training for each, underground or surface, will be provided by Genwal at the mine site for each newly hired miner.

Any Annual Refresher Training that may be provided by the College shall be conducted by MSHA approved instructors and Genwal will provide the mine specific materials needed to conduct a proper class.

NOTE: Examples of training materials used: mine-specific plans; history; SCSR's; MSHA training materials films, slides, publications; etc.

### PETITION FOR MODIFICATIONS:

All training will include specific training for any Petition for Modification that has be granted.

DOCKET # M-97-014-C; HIGH VOLTAGE LONGWALL FACE, 75.1002  
# M-95-065-C; HIGH VOLTAGE CABLE WITH CENTER GROUND CHECK, 75.804(a)

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# M-95-173-C & M-96-71-C; TWO ENTRY MINING, 75.350, 75.352  
# M-97-127-C SPRINKLER SYSTEM BELT DRIVES, 75.1101-8  
# M-2000-117-C & M-2000-031-C TEST EQUIPMENT, 75.500(b), 75.1002-1(a)  
# M-2000-101-C & M-2000-102-C PORTABLE GENERATOR, 75.701, 75.901

MINER REPRESENTATIVE: No Miners Representative

APPROXIMATE NUMBER OF MINERS EMPLOYED: 125

MAXIMUM NUMBER TRAINEES/SESSIONS: 50

THE ESTIMATED TIME OR PERIODS OF TIME WHEN REGULARLY SCHEDULED RETRAINING  
WILL BE GIVEN: As required or on annual basis

NOTE: The nearest MSHA office to the mine will be notified prior  
to any and all annual refresher training provided to  
employees.

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**TRAINING PROGRAM FOR NEW UNDERGROUND MINERS**  
 Genwal Coal Company may provide the complete 40 hour training with MSHA  
 approved instructors at the training room and mine or surface site.

<b>COURSE</b>	<b>LOCATION</b>	<b>TRAINING METHODS &amp; MATERIALS</b>	<b>EVALUATION</b>
Instruction in statutory rights of miners & their representatives under the ACT; authority and responsibility of supervisors.	Mine Site and/or Training Room	Lectures, MSHA regulations	Discussion and Questions
Self-rescue & respiratory devices	Mine Site and/or Training Room	Lectures, Hands on use using 3+3 method	Discussion, oral test, hands-on use
Entering & leaving the mine; transportation; communications.	Mine Site and/or Training Room	Lectures, tour of mine site	Discussion, written or oral test
Introduction to the work environment Two entry mining	Mine Site and/or Training Room	Lectures, tour of mine site	Discussion, written or oral test
Escapeways; emergency evacuation; mine maps; barricading, fire warning system and response.	Mine Site and/or Training Room	Lecture, projector and slices, maps, markings, monitoring system	Discussion, written or oral test
Roof and ground control Plans; Ventilation plans; Extended cut, Longwall, Two entry mining	Mine Site and/or Training Room	Lecture, projector and slides, mine plans	Discussion oral test
Health	Mine Site and/or Training Room	Lecture	Discussion oral tests

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COURSE	LOCATION	TRAINING METHODS & MATERIALS	EVALUATION
Clean-up; rock dusting.	Mine Site and/or Training Room	Lecture, demonstrations flip charts	Discussion, written or oral test
Hazard recognition.	Mine Site and/or Training Room	Lectures, 16 mm films slides	Discussion, written and/or oral tests
Electrical hazards. High Voltage LW, cables types, manufactors and repair Including Lock and Tag out Procedure Generator, short circuit, hands on Test Equipment	Mine Site and/or Training Room	Lecture, projector and slides, 16 mm films	Discussion, written and/or oral tests
First Aid	Mine Site and/or Training Room	Lectures, projector and slides, 16 mm films	Discussion, written and/or oral tests, & Practical application
Mine Gases	Mine Site and/or Training Room	Lectures, 16 mm films	Discussion, written and/or oral tests
Health & safety aspects of the task to which the new miner will be assigned.	Mine Site and/or Training Room	Lectures, projector and slides	Discussion, written and/or oral tests
Explosives	Mine Site and/or Training Room	Lectures, 16 mm films	Discussion, written and/or oral tests

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COURSE	LOCATION	TRAINING METHODS & MATERIALS	EVALUATION
Welding & Cutting Safety	Mine Site and/or Training Room	Lecture	Discussion oral tests

NOTE: The time frame per subject may vary according to the needs of the students, but at no time will the length of the complete course be less than 40 hours.

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**TRAINING PROGRAM FOR NEWLY EMPLOYED UNDERGROUND  
EXPERIENCED MINERS**  
8 Hours Minimum

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COURSE	LOCATION	CONDUCTED BY	TRAINING METHODS & MATERIALS	EVALUATION
Introduction to work environment.	Mine Site and or Train. Rm.	MSHA approved Instructor	Lectures, tour of mine site	Discussion and questions
Mandatory health and safety.	Mine Site and or Train. Rm.	MSHA approved Instructor	Lectures, MSHA regula- tions, Company policy	Discussion and questions
Authority and responsi- bility of supervisors & miners representatives.	Mine Site and or Train. Rm.	MSHA approved Instructor	Lecture	Discussion and questions
Entering & leaving the mine; transportation & communication systems.	Mine Site and or Train. Rm.	MSHA approved Instructor	Lectures, tour of mine site	Discussion and questions
Mine map; escapeways; emergency evacuation; barricading, fire mon- itoring and response.	Mine Site and or Train. Rm.	MSHA approved Instructor	Lectures, tour of mine site	Discussion and questions
Roof & Ground Control Extended Cut, Longwall Two entry mining	Mine Site and or Train. Rm.	MSHA approved Instructor	Lecture, MSHA Plans	Discussion and questions
Hazard Recognition	Mine Site and or Train. Rm.	MSHA approved Instructor	Lecture, Procedure for Lock and Tag out, Tour of Mine Site	Discussion and questions
Ventilation Plans	Mine Site and or Train. Rm.	MSHA approved Instructor	Lecture, Procedure for Lock and Tag out, Tour of Mine Site	Discussion and questions

COURSE	LOCATION	CONDUCTED BY	TRAINING METHODS & MATERIALS	EVALUATION
Self Rescuers & Respiratory Devices	Mine Site and or Train. Rm.	MSHA approved Instructor	Lecture, and Hands on Practice using 3+3 Method	Discussion and questions
Welding & Cutting Safety	Mine Site and or Train. Rm.	MSHA approved Instructor	Lecture	Discussion and questions

\* PREVENTION OF ACCIDENTS

\* EMERGENCY MEDICAL PROCEDURES

\* HEALTH

\* HEALTH AND SAFETY ASPECTS OF THE TASKS TO WHICH THE  
EXPERIENCED MINER IS ASSIGNED.

CHANGES MADE AS PER  
JIM PRUITT  
IN A PHONE CONVERSATION WITH  
STEVE MILLER  
ON 8-3-2001.

NOTE: The time frame per subject may vary according to the needs of the students, but at no time will  
the length of the complete course be less than eight (8) hours.

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**ANNUAL REFRESHER TRAINING OF UNDERGROUND MINERS**  
 Genwal Coal Company will provide the complete eight (8)  
 hour training with MSHA approved instructors

<b>COURSE</b>	<b>TIME FRAME</b>	<b>LOCATION</b>	<b>TRAINING METHODS &amp; MATERIALS</b>	<b>EVALUATION</b>
Mandatory health and safety standards.	1/2 Hr.	Training Room	Lecture	Discussion and questions
Roof and rib control.	1 Hr.	Training Room	Lectures, Longwall method Roof control plan, Two entry mining, films	Discussion and questions
Ventilation Plan	1 Hr.	Training Room	Extended Cut Procedure Lecture, Longwall Vent., ventilation plan, Two entry mining	Discussion and questions
Health	20 Min.	Training Room	Lectures, films	Discussion and questions
Transportation controls & communication systems	20 Min.	Training Room	Lectures, use of actual equipment	Discussion and questions
Barricading	20 Min.	Training Room	Lectures, films, and slides	Discussion and questions
First Aid	1 Hr.	Training Room	Lectures, films, and slides	Discussion, questions, & practical application

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COURSE	TIME FRAME	LOCATION	TRAINING METHODS & MATERIALS	EVALUATION
Electrical Hazards Longwall High Voltage, cables manufactor, repair Generator, short circuit hands on, Test Equip.	1/2 Hr.	Training Room	Lectures and films, Procedure for Lock and Tag Out, identification of cables and repair	Discussion and questions
Prevention of accidents	1/2 Hr.	Training Room	Lectures, films, charts	Discussion and questions
Self-rescue and respiratory devices	1 Hr.	Training Room	Lectures, respirator Hands on 3+3 Methods	Discussion and questions Hands-on use
Explosives	1/2 Hr.	Training Room	Lecture, films plan	Discussion and questions
Mine Gases	20 Min.	Training Room	Lectures, use of equipment	Discussion and questions
Emergency evacuation and fire fighting/fire warn- ing system & response, welding & cutting safety	40 Min.	Training Room	Lectures, mine maps	Discussion and question

NOTE: Training room can either be at main office or mine site training area.

NOTE: The time frame per subject may vary according to the needs of the students, but at no time will the length of the complete course be less than eight (8) hours. This can be achieved in two (2) hour periods or sessions of no less than 30 minutes or eight (8) hours straight, at no time by the end of the calendar year will any employee be given less than eight (8) hours of training.

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AUG 30 2001

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TRAINING PROGRAM FOR EXPERIENCED UNDERGROUND MINERS  
NEW TASK TRAINING

WORK ASSIGNMENT	LOCATION	CONDUCTED BY	TRAINING METHODS & MATERIALS	EVALUATION
Shuttle Car Operator	Mine Site	Supervisor or Foreman	Lectures, demo of equipment	Performance of duties, oral test
Timberman	Mine Site	Supervisor or Foreman	Lectures, roof control plans, timbers	Performance of duties, oral test
Continuous Miner Operator or miner helper	Mine Site	Supervisor or Foreman	Extended Cut Procedure Lectures, roof control plans, gas detection, Two entry, demo of equipment	Performance of duties, oral test
Roof Bolter	Mine Site	Supervisor or Foreman	Lecture, roof control & ventilation plans, demo of equipment	Performance of duties, oral test
Scoop Operator diesel or electric	Mine Site	Supervisor or Foreman	Lecture, mine maps demo of equipment	Performance of duties, oral test
Electrician	Mine Site	Supervisor or Foreman	Generator, short circuit, hands on Lecture, handouts, wiring diagrams • LOCKOUT/TAGOUT	Performance of duties, oral test
Mechanic	Mine Site	Supervisor or Foreman	Lecture, handouts, tools, L.W. maintenance, High voltage, lock out, tag out, repair	Performance of duties, oral test

\*TASK TRAINING TO BE DONE BY A QUALIFIED<sup>1</sup> TRAINER, A SUPERVISOR EXPERIENCED IN THE ASSIGNED TASKS, OR OTHER PERSON EXPERIENCED IN THE ASSIGNED TASK.

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AUG 30 2001

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CHANGES MADE AS PER  
Jim P. Miller  
IN A PHONE CONVERSATION WITH  
STEVE MILLER  
ON 8-3-2001.

WORK ASSIGNMENT	LOCATION	CONDUCTED BY	TRAINING METHODS & MATERIALS	EVALUATION
Diesel Mantrip Operator	Mine Site	Supervisor or Foreman	Lecture, mine maps demo of equipment	Performance of duties, oral test
Shearer Operator	Mine Site	Supervisor or Foreman	Lecture, Ventilation, Roof control, plans, gas detection, Two entry, demo of equipment	Performance of duties, oral test
Propman	Mine Site	Supervisor or Foreman	Lecture, roof control demo of equipment	Performance of duties, oral test
Longwall Mechanic	Mine Site	Supervisor or Foreman	Lecture, handouts, tools, demo of equipment L.W. high voltage, lock & tag out, repair	Performance of duties, oral test
New and Modified Equipment	Mine Site or Training Rm.	Supervisor or Foreman	Lectures, posted signs, MSHA regulations, Company Policy, Equipment design	Discussion and Questions
Supervised Practice/ Operations	Mine Site or Training Rm.	Supervisor or Foreman	Lectures, posted signs, MSHA regulations, Company policy	Discussion and Questions
Welding and Cutting Practices	Mine Site or Training Rm.	Supervisor or Foreman	Lecture, posted signs, MSHA regulations, Company Policy, Safe Job Procedures	Discussion and Questions
Health & Safety Aspect Safety rules, and safe working procedures	Mine Site or Training Rm.	Supervisor or Foreman	Lectures, posted signs, MSHA regulations, Company policy	Discussion and Questions

NOTE: Task Training may be conducted by an experienced operator under the supervision of the management.

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**TRAINING PROGRAM FOR EXPERIENCED UNDERGROUND MINERS  
HAZARD TRAINING**

<b>COURSE</b>	<b>LOCATION</b>	<b>CONDUCTED BY</b>	<b>TRAINING METHODS &amp; MATERIALS</b>	<b>EVALUATION</b>
Hazard recognition and avoidance	Mine Site or Training Rm.	Supervisor or Foreman	Lectures, posted signs, MSHA regulations, Company policy	Discussion and Questions
Emergency & Evacuation Fire Warning System and Response	Mine Site or Training Rm.	Supervisor or Foreman	Lectures, posted signs, MSHA regulations, Company policy	Discussion and Questions
Health & Safety Aspect Safety rules, and safe working procedures	Mine Site or Training Rm.	Supervisor or Foreman	Lectures, posted signs, MSHA regulations, Company policy	Discussion and Questions
Self-rescuer and respirator devices	Mine Site or Training Rm.	Supervisor or Foreman	Hands on 3+3 Method Lecture, posted signs, MSHA regulations, Company policy	Discussion and Questions
Welding and Cutting Practices	Mine Site or Training Rm.	Supervisor or Foreman	Lecture, posted signs, MSHA regulations, Company Policy, Safe Job Procedures	Discussion and Questions

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**NOTE:** Task Training may be conducted by an experienced operator under the supervision of the management.